

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/12160

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K39/13 A61P31/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, MEDLINE, EMBASE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96 40077 A (GRIBBON ENDA MARTIN ;QUADRANT HOLDINGS CAMBRIDGE (GB); ROSER BRUCE) 19 December 1996 (1996-12-19)	1-20, 23-34
Y	page 3, line 12 - line 15; example 5C ---	21,22
X	GB 989 077 A (BEHRINGWERKE AG) 14 April 1965 (1965-04-14)	1-20, 23-34
Y	page 1, column 1, line 42 -column 2, line 49; example 1 ---	21,22
X	US 5 149 653 A (ROSER BRUCE J) 22 September 1992 (1992-09-22)	1-20, 23-34
Y	column 2, line 1 - line 13; example 3 ---	21,22
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

21 January 2004

Date of mailing of the international search report

16/02/2004

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X	US 3 767 790 A (GUTTAG A) 23 October 1973 (1973-10-23)	1-20, 23-34
Y	column 1, line 20 - line 35 column 7, line 35 - column 8, line 34; claim 1; examples 2, 9, 11	21, 22
X	US 5 176 909 A (SEKI KUNIHARU ET AL) 5 January 1993 (1993-01-05)	1-20, 23-34
Y	column 1, line 45 - line 56 column 2, line 33 - line 39	21, 22
X	EP 0 775 494 A (NISSHIN OIL MILLS LTD) 28 May 1997 (1997-05-28)	1-20, 23-34
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Y	abstract	21, 22
X	DATABASE EMBASE 'Online! ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL; 1997 SHIOMI H ET AL: "Studies on lyophilization of sabin vaccine: 1. Investigation of fundamental conditions for lyophilization" Database accession no. EMB-1998024433 XP002267613	1-20, 23-34
Y	abstract & SAPPORO MEDICAL JOURNAL 1997 JAPAN, vol. 66, no. 3-4, 1997, pages 155-168, ISSN: 0036-472X	21, 22
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Y	WO 99 13906 A (ARMINJON FRANCOIS ;CARTIER JEAN RENE (FR); LENTSCH GRAF SANDRINE () 25 March 1999 (1999-03-25) abstract; examples 1-3	21, 22
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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Y	WO 98 00167 A (CONNAUGHT LAB ;FAHIM RAAFAT E F (CA); TAN LARRY U L (CA); BARRETO) 8 January 1998 (1998-01-08) abstract page 13, line 2 - line 16	21,22
Y	SCHMITT H J ET AL: "Primary vaccination of infants with diphtheria-tetanus-acellular pertussis-hepatitis B virus- inactivated polio virus and Haemophilus influenzae type b vaccines given as either separate or mixed injections." THE JOURNAL OF PEDIATRICS. UNITED STATES SEP 2000, vol. 137, no. 3, September 2000 (2000-09), pages 304-312, XP009023955 ISSN: 0022-3476 abstract	21,22

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